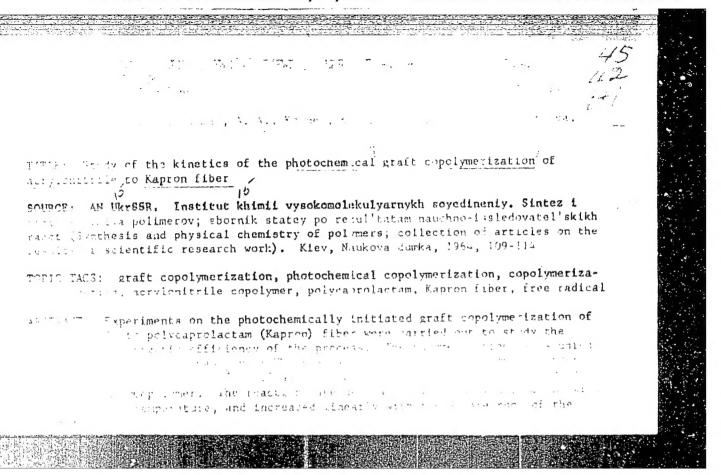
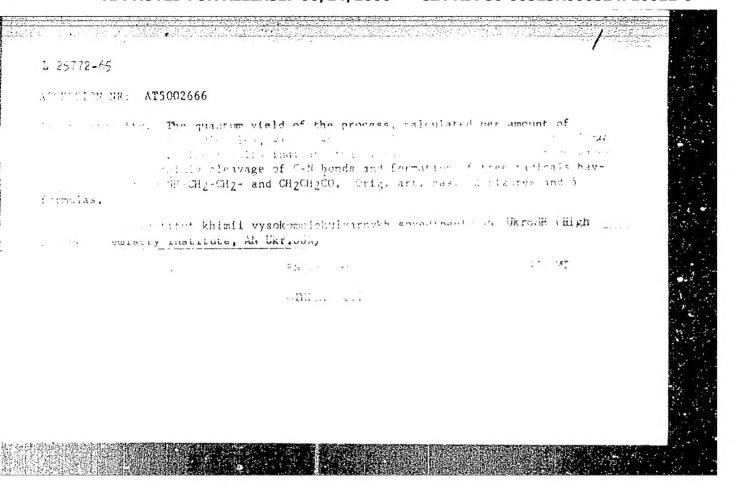
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SOURCE: Plasticheakiye massy, no. 8, 1964, 50-51

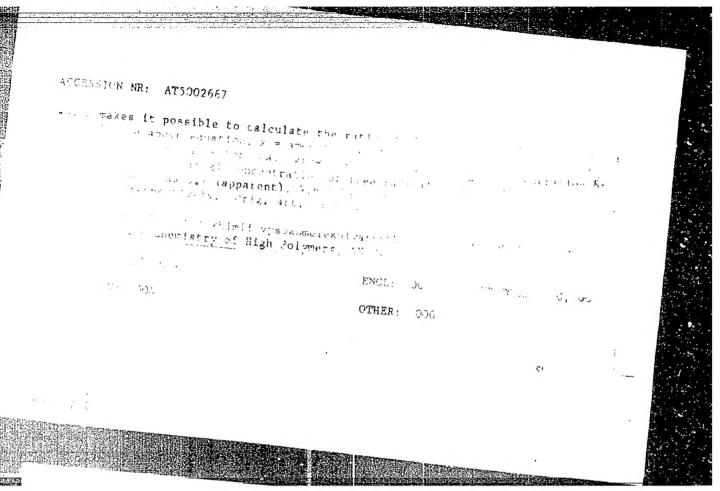
MASCRAIT: A chemical method was de eloped for the determination of the average molecular weight of polyaminotriazoles based on potentiametric titration of the terminal hydrazide groups with potassium iodate in sulfuric acid. The reaction proceeds rapidly and quantitatively, with a distinct potential drop at the equivalence point: The amino group bound to the heterocyclic ring did not react with potassium iodate. The results of the new method were compared with potassium iodate. The results of the new method were compared with potassium iodate. The results of the new method were compared with potassium iodate. The results of the new method cacid and gave good coincidence of results. An empirical equation is graphically derived for the relationship between the intrinsic viscosity and the

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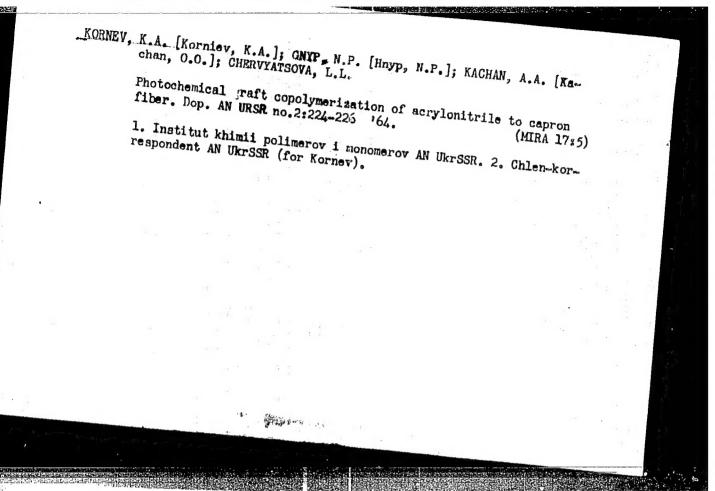




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APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824710012-6"

ACCESSION NR: AP4043733

\$/0021/64/000/008/1080/1084

AUTHOR: Kornyev, K. A. (Kornev, K. A.) (Corresponding member AN UkrSSR); Yanchevs'ky'y, V. A. (Yanchevskiy, V. A.); Gryekov, A. P. (Grekov, A. P.)

TITLE: Kinetics of the polycondensation of dihydroxylic acid dihydrazides with dicarboxylic acids

SOURCE: AN UKERSR. Dopovidi, no. 8, 1964, 1080-1084

TOPIC TAGS: polycondensation, polycondensation kinetics, sebacic acid dihydrazide, sebacic acid, adipic acid, polyazide

ABSTRACT: The kinetics of the polycondensation of sebacic acid dihydrazide with adipic or sebacic acid in m-cresol has been studied at 140, 160, and 180C. The study was undertaken because polyazides of carboxylic acids exhibit valuable properties (stability to acids, alkalis, and organic solvents and heat resistance) and form fibers and films and because of the absence of data on the kinetics of this polycondensation. The study showed that the polycondensation obeys a second-order equation and proceeds through the step of the forma-

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GREKOV, A.P.; YANCHEVSKIY, V.A.; KORNEV, K.A.

Quantitative determination of hydrazides of dibasic carboxylic acids by potentiometric titration with sedium nitrite. Zhur. anal. khim. 19 no.2:260-261 '64.

(MIRA 17:9)

1. Institut khimii polimerow i monomerow AN UkrSSR, Kiyev.

Skilov, S.V.; TSYPINA, O.N.; KORNEV, K.A.

Improving the adhesion of bitumen and stone materials. Avt.
dor. 27 no.7:19 J1 '64. (MIRA 17:12)

CCESSION NR: AT5002655 .UTHOR: Smirnova-Zamkova, S. Ye.; Ko	5/0000/64/000/000/0010/0015 2 2 2 2 3 4 5	5
	omatic diamines with methoxy groups in the	
himiya polimerov; shornik statey po rezul	ers: collection of articles on the results of	0-
OPIC TAGS: interphase condensation, po ylylene diamine, dicarboxylic acid, diami termal stability	lyamide synthesis, methoxy group substitutions condensation, polyamide solubility, polya	n, nide
ondensation polymerization (of aliphatic o ylylene diamines containing methoxy subs f methoxy groups on the solubility and the	ew polyamides by interphase (water-benzene) r aromatic dicarboxylic acids with 0-, m- or tituents in the aromatic ring) to clarify the ef rmal stability of polyamides. It was shown to by the substitution of methoxy for methyl	p- fect
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ACCESSION NR: AT5002655

groups. The melting point dropped sharply when methoxy groups were introar di kabasa kan duced into the automatic ring of p-xylylene diamine; for m-xylylene diamine, however, it remained unchanged or even rose somewhat. Orig. art. has: 4 tables.

ASSOCIATION: Institut khimil vysokomolskulyarnykh soyedineniy AN UkrSSR (Institute of the Chemistry of High Polymers, AN UkrSSR)

SUBMITTED: 22Jun64

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CIA-RDP86-00513R000824710012-6

SARZHEVSKAYA, V.P.; KORNEY. K.A.; SMIRNOVA-ZAMKOVA, S.Ye.; LEVIN, S.Z.; KUCHINSKIY, V.N.; GRIZ, V.Ye.

Polyamides with aromatic and heterocyclic links in the chain. Part 5: Polyamides based on bis-(4-aminocyclohexyl) methane and some heterocyclic dicarboxylic acids. Ukr. khim. zhur. 30 no.1:83-86 64. (MIRA 17:6)

1. Institut khimii polimerov i monomerov AN UkrSSR i Vsesoyuznyy institut neftekhimicheskikh protsessov.

ACCESSION NR: AP4021980

\$/0073/64/030/002/0208/0211

AUTHOR: Smirnova-Zamkova, S. Ye.; Kornev, K. A.; Mikhaylova, H. D.

TITLE: Polyamides with aromatic and heterocyclic rings in the chain.

VI. Polyamides based on cis- and trans-cyclohexane-1, 4-dicarboxylic acids and aliphatic-aromatic diamines.

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 2, 1964, 208-211

TOPIC TAGS: polyamide, aromatic polyamide, alkyl substituted aromatic polyamide, spatial configuration, stereoisomer, stereoisomeric polyamide, solubility, thermal stability, melting point, cyclohexane dicarboxylic acid, heterocyclic polyamide

ABSTRACT: The effect of the spatial configuration of cyclohexane-1, 4-decarboxylic acid stercoisomers on the properties of their derivatives was investigated. Polyamides were prepared by interphase polycondensation of the chloroanhydrides of cis- and trans-cyclohexane-1 4-dicarboxylic acid with hexamethylenediamine and with the following aliphatic-aromatic diamines: p-xylylenediamine, 2,4-di-(aminomethyl)-toluene, 4,6-di-(aminomethyl)- m-xylene, 4,4-di-(aminomethyl)-diphenyl ether and 2,5-di-(aminomethyl)- thiophene. The stereoisomeric polyamides

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differ by their external appearance, their solubility and thermal stability. The cis- isomers have a lower fusion temperature (usually over 100C lower) and give thermally stable melts. "We express appreciation to S. Z. Levin (VMINeftekhim) has: 2 tables. SSOCIATION: Institut khimii polimerov i monomerov AN UkrSSR(Institute of Polymer and Monomer Chemistry AN UkrSSR) DATE ACQ: 09Apr64. ENCL: 00 UBCODE: CH NO REF SOV: 007 OTHER: 010				* *****		•	٠ م.	'.	i.	
differ by their external appearance, their solubility and thermal stability. The cis- isomers have a lower fusion temperature (usually over 100C lower) and give thermally stable melts. "We express appreciation to S. Z. Levin (VNIINeftekhim) has: 2 tables. SSOCIATION: Institut khimii polimerov i monomerov AN UkrSSR(Institute of Polymer and Monomer Chemistry AN UkrSSR) UEMITTED: 29Mar63 DATE ACQ: 09Apr64 ENCL: 00	ACCESSION N	IR: AP4021980			man myana ar ar	**************************************	. \$43		·	
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CIA-RDP86-00513R000824710012-6

ACCESSION NR: APh021981

S/0075/64/030/002/0211/0216

AUTHOR: Smirnova-Zamkova, S. Ye.; Kornev, K.A.; Chernyavskaya, G. A.

TITLE: Polyamides with aromatic and heterocyclic rings in the chain.

VII. Polyamides based on di-(aminomethyl)-toluene and di-(aminomethyl)
xylene

Sourc: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 2, 1964, Zll-Zl6

TOPIC TAGS: polyamide, aromatic polyamide, heterocyclic polyamide, alkyl aromatic
polyamide, aminomethylation, diamine synthesis, diamine characterization, melting
point, steric hindrance, molecular symmetry, proof of structure, interphase polycondensation

ABSTRACT: Polyamides condensed from the chloranhydrides of certain dicarboxylic
acids were characterized. 2,4-di-(aminomethyl)-toluene, h,5-di-(aminomethyl)-0
xylene, h,6-di-(aminomethyl)-m-xylene and 2,5-di-(aminomethyl)-p-xylene were
synthesized by aminomethylating aromatic compounds:

ACCESSION NR: AP4021981

These diamines were characterized by their dipenzoyl derivatives and their dipicrates. Their structure was proven by oxidation to the corresponding acid and identification of the methyl ester. Polyamides were prepared from these diamines by interphase polycondensation with the chloranhydrides of the following dicarboxylic acids: adipic, pimelic, azelaic, sebacic, isophthalic and terephthalic, the melting point of the polyamides depends little on the nature of the acid component. Introduction of the methyl groups into the aromatic diames of different structure has different effects on the melting point of the polyamides: it lowers

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ACCESSION NR: AP4021982

8/0073/64/030/002/0217/0219

AUTHOR: Sarzhevskaya, V. P.; Kornev, K. A.; Smirnova-Zenkova, S. Ye.

TITLE: Polyamides with aromatic and heterocyclic rings in the chain.
VIII. Polyamides based on certain aliphatic-aromatic dismines and pyridine dicarboxylic acid.

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 2, 1964, 217-219

TOPIC TAGS: polyamide, aromatic polyamide, heterocyclic polyamide, interphase polycondensation, melting point, pyridine dicarboxylic diamide, property, solubility, molecular symmetry

ABSTRACT: This is a continuation of a series of works on determining and explaining the properties of polyamides containing heterocyclic groups in the basic chain. Polyamides of pyridine-2,5- and pyridine-2,6-dicarboxylic acids were prepared by interphase polycondensation with 2,5-di (aminomethyl)-p-xylene (p-XY), 4,6-di-(aminomethyl)-m-xylene (m-XY), 2,5-di-(aminomethyl)-thiophene (TF), p-xylylene-diamine (p-XD), 4,4'-di (aminomethyl)-diphenylether (DFS), 4,4'-di-(aminomethyl)-diphenylmethane (DFM), 4,4'-di-(aminomethyl)-diphenyl (DIF). The more densely

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ACCESSICN NR: AP4037056 8/0073/64/030/005/0499/0502

AUTHOR: Sarzhevskaya, V. P.; Kornev, K. A.; Smirnova-Zemkova, S. Ye.

TITIE: Polyamides with arcmatic and beterocyclic rings in the chain. IX, Polyamides based on furan-2,5- and thiophene-2,5-dicarboxylic acids and some aryl -alignatic diamines

SOURCE: Ukrainskiy khimicheskiy shurnal, v. 30, no. 5, 1964, 499-502

TOPIC TAGS: furan polyamide, thiophene polyamide, aromatic ring, heterocyclic ring, furan ring, thiophene ring, aliphatic diamine

ABSTRACT: The authors refer to their previous work, where they ascertained that the substitution of the furan for the thiophene ring in the acid component results in notably lowered melting point of polyamides based on aliphatic diamines. The present article is a study of the same situation with aryl—aliphatic diamines. Polyamides were prepared by interphase polycondensation from hydrochloric salts of Polyamides were prepared by interphase polycondensation from hydrochloric salts of aryl—aliphatic diamines and chlorounhydrides of furan-2,5— and thiophene-2,5— aryl—aliphatic diamines and chlorounhydrides of furan-2,5— and thiophene-2,5— arylydenediamine, 2,5-di-(aminosethyl)—p-sylene, 4,6-di-(aminosethyl)—a-xylene, p-xylydenediamine, 2,5-di-(aminosethyl)—p-sylene, 4,6-di-(aminosethyl)—a-xylene,

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vapor pressure led to an increase in the quantity of copolymerized polyacrylonitrile.
An increase in temperature decreased the amount of copolymerization, while an increase in radiation desage above 2 Mrad had little effect. "The authors are indebted to in radiation desage above 2 Mrad had little effect. "The authors are indebted to in radiation desage above 2 Mrad had little effect. "The authors are indebted to in radiation desage above 2 Mrad had little effect. "The authors are indebted to in radiation desage above 2 Mrad had little effect. "The authors are indebted to in radiation desage above 2 Mrad had little effect. "The authors are indebted to in radiation desage above 2 Mrad had little effect. "The authors are indebted to in radiation, while an increase in temperature decrease in temperatur

LITVINENKO, L.V. [Lytvynenko, L.V.]; KOVARSKAYA, B.M. [Kovars'ka, F.M.] kand. tekhn. nauk; KORNEV, K.A. [Korniev, K.A.], doktor knim. nauk

Thermomechanical properties of epoxy resins based on diglycide esters, dignorable ethers and phthalic anhydride. Knim. pros. no.4:10-12 C-D '64. (MIRA 18:3)

SMIRNOV, -ZAMKOVA, S.Ye.; KORNEV, K.A.; BURMAKOV, A.I.; SHAMIS, Ye.M.

Polyamides with aromatic and heterocyclic links in the chain. Part 10: Effect of C-methylation on the properties of aliphatic-aromatic polyamides. Ukr. khim. zhur. 30 no.8:856-859 164.

(MIRA 17:11)

1. Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR.

[Modification of the properties of polymers and polymeric materials] Modifikatsiia svoistv polimerov i polimernykh materialov; Kiev, Naukova dumka, 1965. 150 p.

1. Akademiya nauk URSR, Kiev.

YNNUMBERTY, J.4.; GREKOV, A.P.; MURREW, K.A.

hadoutons of condensation with hydrazine derivatives. Part 1: Kinetics of Silphatic dicarboxylic acid resections with dihydrazide of sebacic acid in hadour crescl. Zhur. org. khim. 1 no.1:40-44 Ja '65. (MIRA 18:5)

1. Institut khimit polimerov 1 monomerov AN UkrSSR.

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ACCESSION NR: AP5004249

8/0021/65/000/001/0064/0066

AUTHOR: Kostyl'ova, Z. O. (Kostyleva, Z. A.); Kornyev, K. A. (Kornev. K. A.) (Corresponding member UkrSSR); Kachan, O. O. (Kachan, A. A.); Chervyatsova, E.L.; Pazento, Z. I. (Pazenko, Z. N.)

TITIE: The radiation chemical linking of polystyrene by linking agents

SCURCE: AN UKRSR. Dopovidi, no. 1, 1965, 64-66

13

TOPIC TAGS: triallyl isocyanurate, irradiation in air, elastic state cross linking

ABSTRACT: The efficacy of using triallyl isocyanurate (TAIC) in radiational chemical cross linking of polystyrene was established. It is shown that polystyrene is practically completely linked on adding 20 p.c. TAIC and irradiating with a dose of 50 megarads. The cross-linked polymer retains a highly limited state up to a temperature of 500°C. Orig. art. nas: 3 figures and 1 table.

ASSOCIATION: Instytut khimiyi vysokomolekulyarnykh spoluk (Institute of Chemistry of High Molecular Compounds)

Card 1/2

L 23064-65
ACCESSION NR: AP5004249

SUBMITTED: 26Mar64 ENCL: 00 SUB CODE: 0C, 63
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"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824710012-6

EWT(m)/EWP(j)/T WW/RM L 16173-66 SOURCE CODE: UR/0366/65/001/010/1742/1743 ACC NR: AP5025346 Chovnik, L. I.; Pazenko, Z. N.; Kornev, K. A.; Khomenkova, K. K. AUTHOR: ORG: Institute of Chemistry of High-Holecular-Weight Compounds, Academy of Sciences, Ukrainian SSR (Institut khimii vysokomolekulyarnykh soyedineniy Akademii nauk Ukrainskov SSR) TITLE: Synthesis of 5-alkyl-1.3-diallylisocyanurates SOURCE: Zhurnal organicheskoy khimii, v. 1, no. 10, 1965, 1742-1743 TOPIC TAGS: copolymerization, copolymer, polymer, heat resistance, chemical reaction, heterocyclic base compound ABSTRACT: The title compounds (I) are heavy liquids of a characteristic odor; they are of interest as potential grafting agents for the production of heatresistant/copolymers. The syntheses were carried out by the reaction of an alkyl bromide with a Na salt of a diallylisocyanurate in HCCNMe2. E. g., 41.8 g diallylisocyanurate (see Franzier T.C., et al., J. Org. Ch. 25, 1944, 1960) was UDC: 547.491.3

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824710012-6

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ACC NR: AP5025346

mixed with 130 ml water, 8 g NaCH were added, and the mixture was heated, filtered, and evaporated. The residue was dried at 90C to yield 45 g 1,3-diallylisocyanurate Na salt. This (56 g) was dissolved in HCCNMe2 and the hot solution treated with 35 g PrBr. After 3-5 minutes of heating, NaBr was filtered off, and the filtrate evaporated under reduced pressure to give 56 g 5-propyl-1,3-diallylisocyanurate. Similarly were synthesized the following I (alkyl, % yield, b.p.C/mm, np, d20 given): methyl, -, 124/2, 1.5145, 1.1956; ethyl, 94, 113/0.5, 1.5145, 1.1956; propyl, 90, 136/2, 1.5000, 1.1443: butyl,72, 140/2, 1.4970, 1.1248; isobutyl, 67, 139/1 (m.p. 26),-, -; amyl, 82, 136/1 (m.p. 16), 1.4962,-; hexyl, 79, 156/2, 1.4940, 1.0909; heptyl, 89, 146/1, 1.4919, 1.0720; octyl, 96, 164/2, 1.4900, 1.0560; nonyl, 167/2, 1.4890, 1.0166; decyl, 58, 172/2, 1.4879, 1.0305. All the compounds synthesized were capable of copolymerization. Orig. art. has: 1 table.

SUB CODE: 07/ SUBM DATE: O9Sep64/ CRIG REF: 001/ OTH REF: 003

Card 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824710012-6"

KAURKOVA, G.K. [Kaurkova, H.K.]; KACHAN, A.A., kand.khim.nauk; KORNEV, K.A.
[Kerniev, K.A.], doktor khim.nauk; CHERVYATEOVA, L.L. [CLETY*IELEOVA;
L.L.], kand.khim.nauk

Using the method of photochemical cross-linking in the presence of sulfur monochloride to increase the recistance to heat of polyethylene.

Khim.prom. [Ukr.] no.2:8-9 Ap-Je *65.

(MIRA 18:6)

. 36289-65 EWE(m)/EWF(j) Pc- COESSION NR: AP5008148 UTHORS: Grekov, A. P.; Kornev, K.	., Yanc evskiy, V. A.	166/65/000/005/0024/0024 /S	
to technotority 1 to	varnykh knakov, no. 7		
COURCE: Byulieten Isobratam, monomer, a COPIC TAGS: caprolactam, monomer, a ABSTRACE: This Author Certificate is by distillation in a vacuum, precede agents. To increase the degree of parents at the temperature of 950 was and solid sodium hydroxide. These and 2% by the weight of caprolactam	introduces a method for ped by a chemical treatment purity of the monomer, the ith a mixture of acetic creagents are used in the	it with acid and alkaling accommercial product is	

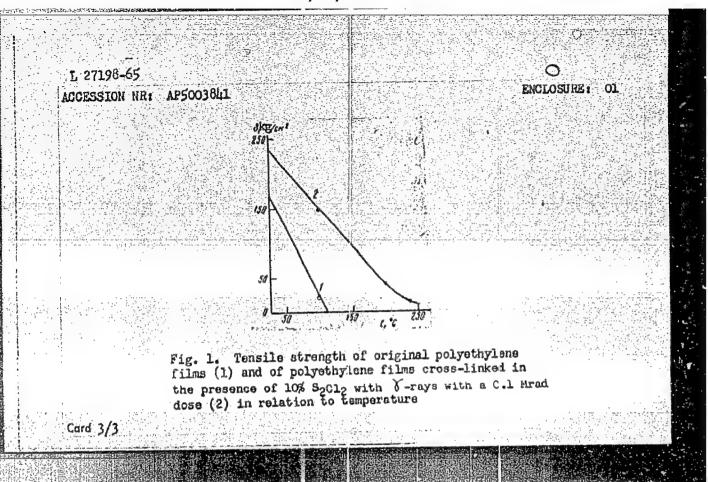
ENG(1)/ENT(m)/EPF(c)/EFF(n)-2/ENP(1)/T/ENA(n)/ENA(1) Fc-4/Pr-4/ 1, 27198-65 5/0190/65/007/001/0183/0183 ACCESSION NR: APSO038LL AUTHORS: Kaurkova, G. K.; Kachan, A. A.; Kornev, K. A.; Chervyatsova, TITLE: Radiation chemical cross-linking of polyethylene SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 1, 1965, 183 TOPIC TAGS: polyethylene, radiation polymerization, gamma radiation sulfur monochloride, polymer, polyolefin ABSTRACT: Starting with the premise that radiation chemical cross-linking of polyethylene takes place at relatively large doses of Y-radiation (up to 100 Mrad), the authors show that by using 5-10% sulfur monochloride a practically complete cross-linking (up to 99%) of polyethylene is attained with doses of 0.1 Mrad. The sulfur monochloride was introduced into the polymer from the vapor phase, and the irradiation was performed at room temperature with doses of 100 rad/second. The modified polyethylene turned out to be approximately 18% stronger than the ordinary polymer at room temperature. With a rise in temperature, the difference between the two polyolefins increased as chawn in Fig. 1 on the Enclosure. It

Card 1/3

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was also found that during the cross-linking process the atoms of sulfur from

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L 27198-65 ACCESSION NR: AP5003841			0	
S ₂ Cl ₂ embed themselves into bonds (according to ultravi between macromolecular chai	olet absorption sp ns. The radiation	ectral of monosum	TOTO CHALACTAL ::	
1.25 x 10 ³ . Orig. art. has ASSOCIATION: none				
NO REF SOV: 000	ENGL: COL OTHER: OCC	The second secon	JB CODE: OC, GC	
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EWT(m)/EPF(n)-2/EWP(j)/T/EWA(h)/EWA(1) GG/RM/GS L 42974-66 (A)SOURCE CODE: UR/0000/65/000/000/0037/0042 ACC NR: AT6006242 AUTHOR: Dubrova, L. N.; Kachan, A. A.; Loktionova, R. A.; Chervyatsova, L. L.; E+/
Kornev, K. A. (Doctor of chemical sciences) ORG: Institute of Chemistry of High Molecular Compounds, AN UkrSSR, Kiev (Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR) TITLE: Radiochemical polymerization of allyl esters of certain N-methylol derivatives of acid amides SOURCE: AN UkrSSR. Modifikatsiya svoystv polimerov i polimernykh materialov (Modification of the properties of polymers and polymeric materials). Kiev, Naukova dumka, 1965, 37-42 TOPIC TAGS: radiation polymerization, organic amide, IR spectrum ABSTRACT: Allyl esters of N-methylol derivatives of acetamide, chloroacetamide, and benzamide were polymerized both in the pure state and in benzene and methanol solutions by irradiation with Co60 gamma rays. Formation of the polymer was determined visually and also by means of viscosity and IR spectral measurements. In benzene Z Card 1/2 +12+44 Spiral res Card 2/2

L 25465-65 EWT(m)/EPF(c)/EPR/EWP(J)/T ACCESSION NR: AP5005594

Pc-4/Pr-4/Ps-4 RPL MW/RM S/0190/65/007/002/0255/0258

AUTHORS: Grekov, A. P.; Sukhorukova, S. A.; Kornev, K. A.

TITLE: Polymerization of E-caprolactam in the presence of polyactamethylenamino-1,2,4-triazole

SOURCE: Tysokomolekulyarnyye soyedineniya, v. 7, no. 2, 1965, 255-258

TOPIC TACS: caprolactam, polymerization

ABSTRACT: The polymerization of C-caprolactam in the presence of different amounts of pelyoctamethylenamino-1,2,4-triazole (PAT) as a function of its polymerization constant was investigated at temperatures of 235-280C. The PAT was prepared by the method described by A. P. Grekov, S. A. Malyutenko, and K. A. Kornev (Sintez i fiziko-khimiya polimerov, Izd. AN UkrSSR, 1964) and was heated with E-caprolactam. After a time, the polymerization was interrupted and 1.5-g samples were boiled in 200 ml water for 2 hours. The insoluble portion was dried at 100C, and its characteristic viscosity was determined in H₂SO₄ at 25C. By performing some auxiliary reactions, it was found that only the end groups of the PAT appear as polymerization initiators. The yield was found to be 92-95%, with an induction period which decreased from about 20 to 2 hours as the PAT content Cord 1/2

reached a maximum after to ()21.5 for PAT = 0.5%; from 235 to 2800 reduced the yield essentially the viscosity of the copolyme 2500), decreasing from 75	the induction period from a same. It was found that to behaved linearly as a function and increasing from 1.	g the reaction temperature 20 to \$10 hours, but left he yield and the characteristic ction of PAT viscosity (at 5 to 3 respectively as PAT). Thus the yield and
haracteristic Viscosity	OT. ONG. GODOTAINT ASSOCIATION	the polymerisation coefficient
of PAT. Orig. art. has	6 figures.	
of PAT. Orig. art. hast	6 figures.	
of PAT. Orig. art. hast ASSOCIATION: Institut kh Folymer and Copolymer Che	6 figures. imit polimerov i monomerov mistry, AN UKrSSR)	AN UkrSSR (Institute of

KAURKOVA, G.K. [Kaurkova, H.K.]; KACHAN, O.O.; KORNEV, K.A. [Kornlev, K.A.]; CHERVYATSOVA, L.L.

Radiation-induced chemical cross-linking of polyolefins in the presence of sulfur monochloride. Dop. AN URSR no.9:1183-1186 165. (MIRA 18:9)

- 1. Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR. 2. Chlen-korrespondent AN UkrSSR (for Kornev).

c-4/Pr-4 8/0073/65/031/003/0290/0297 EPF(c)/EMP(j)/EWA(c)/EWT(m)/T 42146-65 ACCESSION NR. AP5008859 23 AUTHORS: Yanohevskiy, V. A.1 Grekov, A. P.; Jorney, K. A. 21 TIPLE: Condensation reactions with hydrazine derivatives. 1. Kinetics of the reaction between sebacic acid dihydrazide and sebacic acid in m-cresol SOURCE: Ukrainskiy khimicheskiy zhurnal, (v. 51, no. 3, 1965, 290-297 TOPIC TAGS: condensation reaction, dihydrazide, sebacic acid ABSTRACT: The authors have studied the semicondensation reaction of sebacic acid dihydrazide and sebacic acid in m-cresol at 140, 160, and 180C. A method for measuring the rate of the semicondensation reactions between acid hydrazides and dibasic carboxylic acids was worked out. Solutions of dihydrazide and acid are held at the specified temperature for 15 minutes and are then decanted with active shaking. The beginning of the reaction is taken as the end of the decenting process. The reaction is stopped at any particular moment by pouring the solution into boiling benzene of 10 to 15 times the volume. The reaction components precipitate quantitatively and are filtered off and washed. The filtrate is then boiled with 100-150 ml of water for 15 minutes; 15 ml-of 3N HCl is then added and the mixture cooled. The polymer sediment is filtered off, washed in water, dried, and weighed. The solution retains the dihydrazide and sold that have not reacted, and also Card 1/2

THE CHEMISTRY OF SUB-CODE: GC, CC	difference is pronounced at in length, the rate of formation. The difference is reactivity of the functional tables, 13 equations, and 2	two stages, subject to a sen is much less than the rate low degrees of semicondensation asympotically approach n rate of formation is appartured as a second semicondensation of sebanic acid. Of formulas.	te of dimer formation. The ation. As the chains increase hes the value for polymer / arently due to differences in Orig. art. has: 6 figures, 3
MEDICAL XA	of the chemistry or		Sub Code: GC, CC
10-4 3/2 (Same by 1887	
low ato Co			
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EVT(m)/EWP(j)/T RM SOURCE CODE: UR/0190/66/008/003/0490/0498 1. 22747-66 ACC NR. AP6010114 140

Yanchevskiy, V. A.; Grekov, A. P.; Kornev, K. A. AUTHORS:

Institute of Chemistry of High-Molecular Compounds, AN SSSR

(Institut khimii vysokomolekulyarnykh soyedineniy AN SSSR) of hydrazides of carboxylic acids

SOURCE: Vysokomolekularnyye soyedineniya, v. 8, no. 3, 1966, 490-498

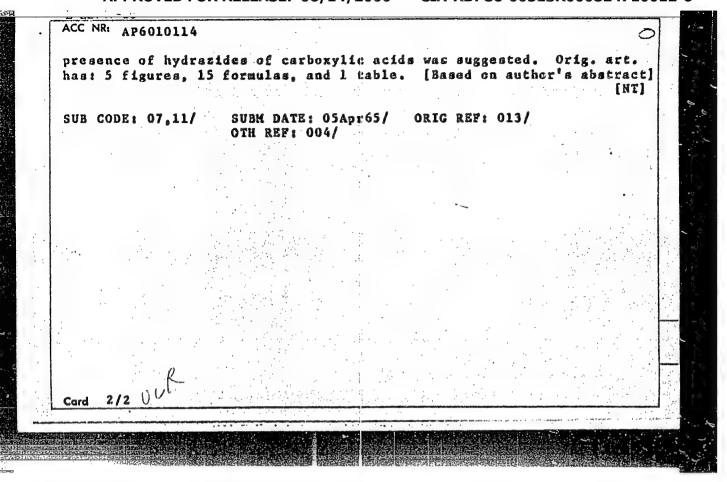
TOPIC TAGS: carboxylic acid, caprone, hydrazide, polymerization, entropy, kinetic equation, autocatalysis, activation energy, polymerization initiator

ABSTRACT: Polymerization of e-caprolactam in the presence of hydrazides of carboxylic acids at temperatures of 230-270C has been investigated. In all cases, the reaction was established to be of autocatalytic nature. The kinetics of e-caprolactam polymerization in the presence of polymerization initiators is described with first-order equations for the reversible reactions. The rate constants, energies, enthropies of activation, and frequency factors were determined. The probable reaction mechanism of ϵ -caprolactam polymerization in the

Card 1/2

UDC: 66.095.26+678.675

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CIA-RDP86-00513R000824710012-6

L 40004-00 EMT(m) EMP(J)/T ACC NR: AP6016482

IJP(C) EM

SOURCE CODE: UR/0021/66/000/005/0627/0628

AUTHOR: Novikova, O. A.; Kuznyetsova, V. N.-Kuznetsova, V. P.; Kornyev, K. A.-Korney, K. A. (Corresponding member AN UkrSSR)

15 B

ORG: Institute of Chemistry of Macromolecular Compounds, AN UkrSSR (Institut

khimii visokomolekulyarnikh spoluk AN URSR)

TITLE: Polymerization of triethylethynylsilane in the presence of (C2H5)2Al.TiCl. as catalyst 1

SOURCE: AN UKRRSR. Dopovidi, no. 5, 1966, 627-628

TOPIC TAGS: polymer, polymerization catalyst, conjugated polymer, triple bond system, triethylethynylsilane

AESTRACT: The article deals with the polymerization of triethylethynylsilane in the presence of (C2H5)3Al.TiCl, as catalyst. The resulting polymers have molecular weight of the order of 1000, and are orange oil-like products. The infrared spectra confirm that polymerization is effected along the triple bond system, resulting in the formation of conjugated double bonds products. [Translation of authors abstract]

SUB CODE: 07/ SUBM DATE: 13May65/ ORIG REF: 005/ OTH REF: 003

ACC NR: AP7004062

SOURCE CODE: UR/0436/66/000/004/0019/0020

AUTHOR: MARROWED FOR RELEASE: 08914/2000 CIA-RDP86-00513R000824710012-

ORG: none

TITLE: Water-repellent impregnation of Kapron [polycaprolactam]

SCURCE: Khimicheskaya promyshlennost' Ukrainy, no. 4, 1966, 19-20

TOPIC TAGS: Kapron, stearic acid, amide, polycaprolactam

ABSTRACT: In addition to new derivatives of stearic acid, the authors studied the hydrophobic properties of derivatives of C16-C20 fatty acids, 1. e., diamides of o-and m-phenylenediamine and certain diesters of stearic acid (p-stearylaminophenylethylene glycol, p- and m-nitrophenylethylene glycol). The Kapron fabric samples were immersed in a 1% solution of these substances, wrung out, dried at room temperature, and tested for water repellency. The contact angle of wetting was measured with a penetrometer. Almost all of the tested preparations showed water-repellent properties and surpassed preparation 101 (stearylamidomethylpyridinium chloride). The best properties were observed in the o- and p-isomers. In contrast to the toxic preparations 246 and 101 used in industry, the synthesized substances do not spoil the fabrics and do not decompose on heating. Orig. art. has: i table.

SUB CODE: 07/ SUBM DATE: none/ ORIG REF: (104

Card 1/1

GORYACHKIN, M.I., kend.ekon.nauk, nauchnyy sotrudnik; RUSAKOV, G.K., kand.sel'skokhoz.nauk, nauchnyy sotrudnik; MASHKEVICH, N.G., kand.sel'skokhoz.nauk, nauchnyy sotrudnik; KLADCHIKOV, S.M., kand.sel'skokhoz.nauk, nauchnyy sotrudnik; MOVOZHILOV, V.F., kand.sel'skokhoz.nauk, nauchnyy sotrudnik; ALKKSANIROV, N.P., kand.sel'skokhoz.nauk; BUTKEVICH, B.G., kand.sel'skokhoz.nauk; CORESTOV, P.P., red.; PRVZNER, V.I., tekhn.red.; TRUKHINA, O.N., tekhn.red.

[Plotting technological charts] Kak sostavit' tekhnologicheskie karty. Moskva, Gos.isd-vo sel'khoz.lit-ry, 1960. 78 p.

1. Moscow. Vsesoyuznyy nsuchno-issledovatel'skiy institut | ekonomiki sel'skogo khoryaystva. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khoryaystva (for Goryachkin, Rusakov, Mashkevich, Kladchikov, Novozhilov).

(Farm menagement)

APPROVED FOR RELEASES 06/184/2000 CIA-RDP86-00513R000824710012-

TITLE:

The Water Resources of the Chinese People's Republic and their Utilization (Vodnyye resursy Kitayskoy Narodnoy Respubliki i ikh ispol'zovaniye)

PERIODICAL:

Gidrotekhnika i melioratsiya, 1958, Nr 8, pp 45-61 (USSR)

ABSTRACT:

With its 1,500 rivers, the Chinese People's Republic is the world's richest country with regard to water resources. The author enumerates a large number of Chinese rivers giving particulars with regard to their water supply. The number of lakes is comparatively small, although some have large dimensions. There is a huge number of artificial water reservoirs and ponds used mainly for the irrigation of rice fields. The author emphasizes the nation's hard struggle against floods and droughts during the past, and the great importance attached by the Communist Party and Government to the utilization of water resources for it's national economy, in particular for agriculture, and the prevention of floods. A magnificent project for the utilization of water resources will be realized during the 2nd 5-year plan (1958-1962). The author gives a summary of the enormous losses sustained by the country as a result of floods and erosion of fertile soil, pointing out the

Card 1/3

SOV-99-58-8-9/11

The Water Resources of the Chinese People's Republic and Their Utilization

> For the period Oct 1957 to July 1958, an increase of 28,300,000 ha of irrigated land was achieved. The concluding chapter of the article deals with the utilization of China's hydroelectric resources, which according to a 1955 estimate, amounts to 544,000,000 kw, of 14.5 % of the world's water power. During the 8 years since China's liberation, 10 hydroelectric power plants with a total capacity of 520,000 kw have been erected and put in operation. Another 14 plants with a capacity of 2,700,000 kw are at present under construction. The location of some of the plants is indicated in the article. The author also mentions the proposed building of several plants, including the hydroelectric power plant Sanhsia (San'sya) with a capacity of 16-20,000,000 kw. There are 17 photos.

1. Inland waterways--China 2. Agriculture--Applications 3. Floods
--Control 4. Water--Availability

Card 3/3

State Committee for Water Economy of the Council of Ministers of the R.S.F.S.R. and its tasks. Gidr. i mel. 13 no.6:63-64 de '61. 1. Predsedatel Gosudarstvennogo komiteta Soveta Ministrov RSFSR po vodnomu khozyaystvu. (Water resources development)

KORNEY, K.V. (Leningrad, 18, Svetlanovskaya ul., d. 5, kv. 5)

Anatomical surgical prerequisites for reproduction of an experimental pattern of tuberculous spondylitis [with summary in Hnglish]. Vest.khir. 82 no.3:117-122 Mr 159. (MIRA 12:4)

1. Iz Leningradskogo nauchno-issledovatel skogo instituta khirurgicheskogo tuberkuleza (dir. - prof. P.G. Kornev). (TUBERCULOSIS, SPINAL, experin dogs & rabbits (Rus))

KOHNEY, K.V. (Leningrad, Svetlanovskaya ull., 5, kv.5)

Experimental model of tuberculous spendylitis. Vest.khir. 83 no.11: 12-17 N 159. (MIRA 13:4)

1. Iz Leningradskogo nauchuo-issledovatel skogo instituta khirurgicheskogo tuberkuleza (dir. - prof. P.G. Kornev). (TUBERCULOSIS SPINAL experimental)

KORNEV, K., Cand Med Sci — (diss) "Experimental model of spon-dylitis tuberculosa," Leningrad, 1960, 22 pp, 300 cop. (State Institute for the Advanced Training of Physicians im S. M. Kirov) (KL, 45-60, 128)

UMILIN, V.A.; AGAFONOV, I.L.; KORNEY, L.N.; DEVYATYKH, G.G.

Mass spectra of a selenium-sulfur mixture. Zhur. neorg. khim.
9 no.10:2492-2493 0 '64. (MIRA 17:12)

Measuring the effective transmission band of resonance system frequencies. Izv. vys. ucheb. zzv.; prib. 8 no.5:18-21 '65.

(MRM 18:10)

1. Leningradskoys vyssheys inzhenernoys morskoys ushilishche imeni admirala S.O. Makarova. Rekomendovana kafedroy teoriticheskoy radiotekhniki.

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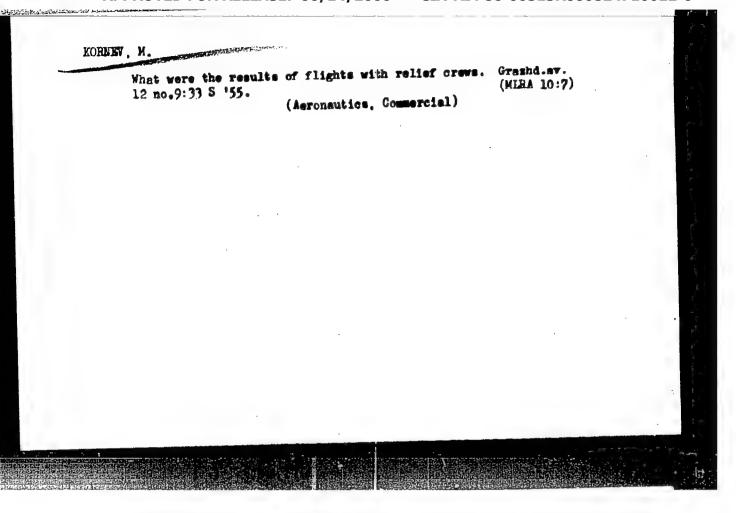
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KORNEY, M. [Korneu, M.

A girl from Staraya Belitsa, Rab. i sial. 35 no.ll:4-5 M '59.
(MIRA 13:3)
(Vitebek--Electric instruments)
(Efficiency, Industrial)

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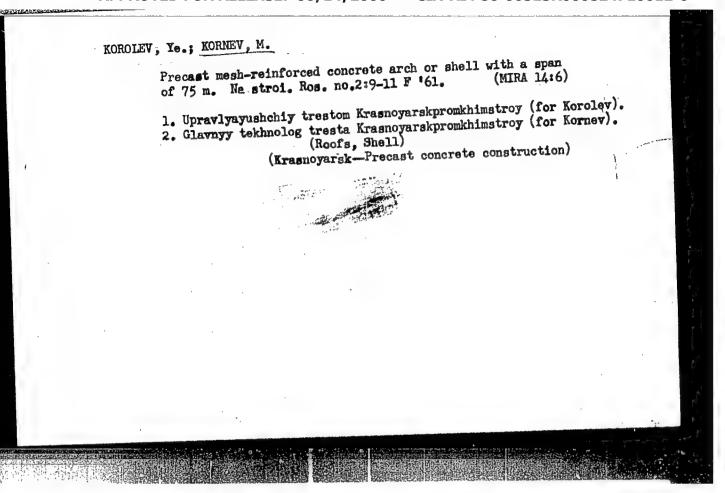
SHVARTSBERG, S., inzh.; NOVIKOV, Ye., inzh.; SKVARCHEVSKIY, I.; KORNEV. M.; CHEBOTAYEV, A., inzh.

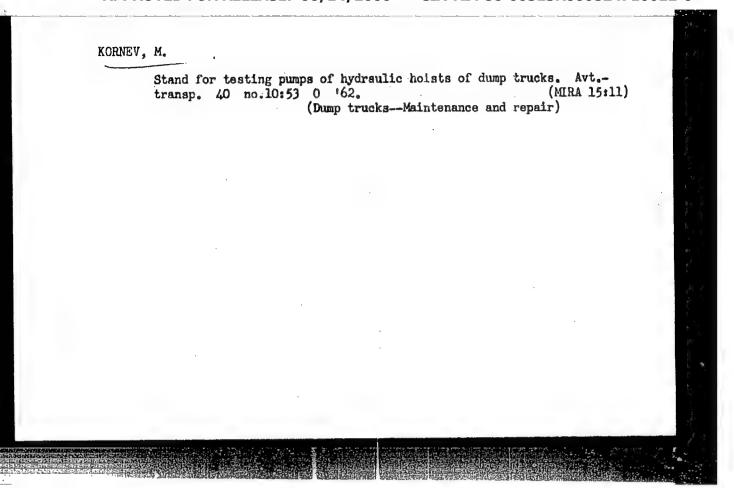
Exchange of experience. Avt.transp. 42 no.1:48-50 Ja '64. (MIRA 17:2)

KORNEY, M., komandir podrasdeleni...

Hotes on flight skill. 3. Flight discipline, Grashd.av. 14 no.2:17-18

F *57. (Airplanes-Filoting)





Common cause. Posh.delo 9 no.5:4-5 My '63. My '63. 1. Nachal'nik otryada okhrany Sokol'skogo tsellyulosno-bumashnogo kombinata, Vologodskaya oblast'. ((Sokol (Vologda Province)—Woodpulp industry—Fires and fire prevention)

Economical wide-span elements. He stroi. Ros. 4 no.4:4-5
Ap *63.

1. Upravlyayushchiy trestom Kranoyarskpromkhimstroy (for Koroley).
2. Clavnyy tekhnolog tresta Krasnoyarskpromkhimstroy (for Korney).

(Krasnoyarsk-Chemical plants-Design and construction)

(Precast concrete construction)

GOROKHOV, I., insh. (Zhdanov); GRANKOV, L., insh. (Zhdanov); RAKHMANOV, N., insh.—mayor, isobretatel'; BASKAKOV, Tu. (Chernogorsk); PERFIL'YEV, N. (Moskva); GLINCHEVSKIY, V. (Pensa); KORMEV, M., insh. (Kiyev); MIKHAREV, P., konstruktor (Orenburg*; D'YACHKOV, N. (Irkutsk)

How interesting! Isobr.i rats. no.1:19 '63. (MIRA 16:3)

1. Nachal'nik Pensenskogo byuro po delam ratsionalizatsii i isobretatel'stva (for Glinchevskiy). (Technological innovations)

RORNEV, M. A.

"Regulation of the Performance of Mine Arial Ventilators." Thesis for degree of Cand. Technical Sci. Sub 30 Jun 50, Mining Inst. Acad Sci USSR.

Summary 71, 4 Sep 52, Dissertations Fresented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Maskva, Jan-Dec 1950.

36194

S/191/62/000/004/007/017 B110/B138

N. 8170

AUTHORS:

Sakhiyev, A. S., Frayman, R. S., Kornev, M. A.

TITLE:

Electrostatic precipitator for removing solid impurities from the gases of alkyl and aryl chlorosilane syntheses

PERIODICAL:

Plasticheskiye massy, no. 4, 1962, 19-21

TEXT: The electrostatic cleaning of gaseous methyl and phenyl chlorosilanes was studied on the apparatus shown in Fig. 1. Gas supply was checked on flow meter 2. The dust content of the gas flow before and after passing through, the filter was measured by means of outlets with adapters 12. Flow meter 13 measured the gas flow through 12. The electrostatic precipitator consisted of a tabe 95 mm diam, and coronadischarge electrode 11, of Nichrome wire 3750 mm long and 1.8 mm diam, attached to Teflon insulator 7. High-voltage was supplied by a step-up-cum-rectifying system for full-wave rectification consisting of a high-voltage 220v/110kv transformer, four KP-110 (KR-110) high-voltage kenotrons, and four 220/12v filament transformers to the kenotrons, and the control panel. Rectification was carried out according to the Graetz

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S/191/62/000/004/007/017 B110/B138

Electrostatic precipitator for ...

temperature of the heat carrier was 200°C, and 250°C in the synthesis of phenyl chlorosilanes. The following data are given: voltage 30 kv, amperage 2 ma, rate of gas flow < 0.1 m/sec. The synthesis of methyl chlorosilanes took place at 5 atm gauge pressure and that of phenyl chlorosilanes at 1 atm gauge pressure. There are 4 figures and 2 tables.

Fig. 1. Diagram of setup used for investigating electrostatic precipitation of gaseous methyl and phenyl chlorosilanes.

Legend: (1) Supply tank, (2,13) direct-reading flow meters, (3) heaterevaporator, (4) reaction vessel, (6) outlet of ditolyl methane heat carrier, (7) Teflon insulator, (8) sylphon bellows, (9) stand, (10) vibrator,

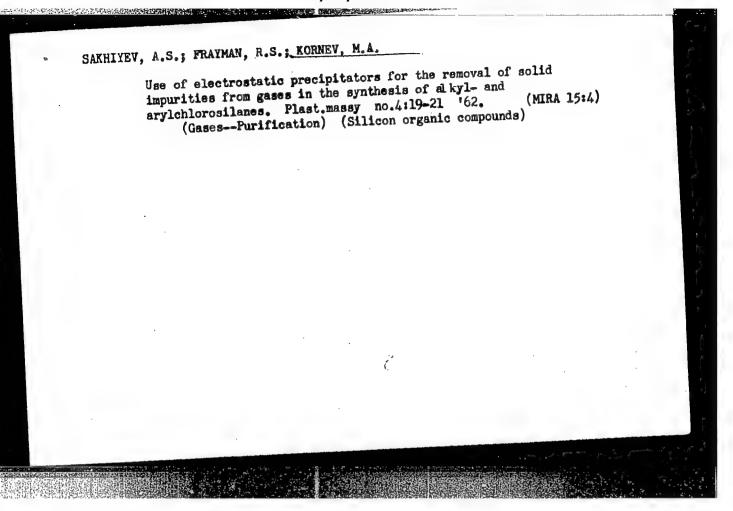
(11) corona-discharge electrode, (12) adapter, (14) condenser,

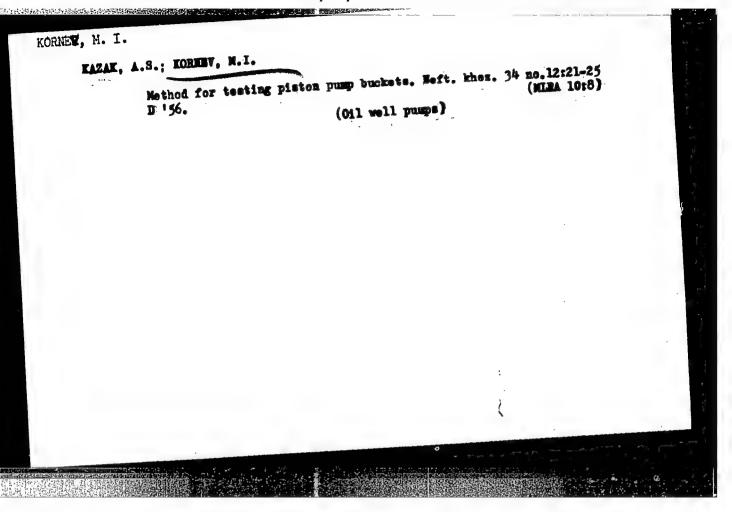
(15) collecting vessel, (16) heat carrier inlet, (18) earth.

Fig. 4. Adapter.

Legend: (1) holder for adapter, (2) packings, (3) adapter, (4) electric heater, (5) insulation, (6) spring, (7) glass wool, (8) asbestos.

Card 3/4





APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824710012-6"

ALIYEV, Teymur Movsum Ogly; MIRZOYAN, Sergey Semenovich; ARENSON, R.I.,
retsenzent, redaktor; LAVRUSHKO, P.N., retsenzent; KORNEV, M.I.,
redaktor; PETROYA, Ye.A., vedushchiy redaktor; TROFIHOV, A.V.,
tekhnicheskiy redaktor

[Machines and mechanical devices for petroloum production] Mashiny
i mekhanizay dlia dobychi nefti. Moskva, Gos. mauchno-tekhn. izd-vo
neft. i gorno-toplivnoi lit-ry, 1957. 461 p.

(Petroloum industry-Equipment and supplies)

CIA-RDP86-00513R000824710012-6 "APPROVED FOR RELEASE: 06/14/2000

Mar'yanovskiy, D.1.; Stankevich, S.V., Kornev, M.I.

A Flywheel Electrodrive for Drilling Winches (Makhovichnyy AUTHORS:

elektroprivod burovykh lebedok) TITLE:

Energetichesk'v byulleten', 1958, Nr 11, pp 1 - 16 (USSR) PERIODICAL:

The authors, following the tendency to install individual drives in different mechanisms used in oil drilling, devel-ABSTRACT:

oped a new system for the individual drive of the winch drum; one-speed winch system complemented with flywheel. After having described peculiarities of the drum drive and the drive process of a one-speed winch, they proceed to discuss and illustrate the construction and operation

of the flywheel drive. Then 2 possible circuit schemes of the flywheel drive are drawn: the contactor system

and the contactorless circuit scheme. At the end the standard scheme of a drilling rig with flywheel drive is

described and illustrated. Such a drilling rig has 3

diesel generators; 2 of them for basic drive, the third Card 1/3

A Flywheel Electrodrive for Drilling Winches

SOV/90-58-11-1/6

is auxiliary with a smaller capacity. Each diesel-generator consists of a diesel engine, a reductor, a synchronous generator and a pump. Summing up the authors point to the advantages of their new flywheel drive system: 1) Flywheel electrodrive enables the engineers to design one-speed winches which make the construction of a drilling rig rather simple. Flywheel electrodrive can be used without change both in the areas where electricity is available and in unelectrified regions. 2) Flywheel electrodrive winches for both prospecting drilling and operational well drilling can be directly produced by the respective plant. 3) Drilling installations equipped with flywheel electrodrive will always have the same scheme and design regardless of their lift capacity. The only difference will be in dimension. 4) The mean lift rate of a drilling tool of the maximum weight will be 3 or 5 times higher than the lift rate attained by other winch systems. 5) Flywheel electrodrive can also be applied for braking the rotation of the winch drum while the tool is being lowered. No other (hydraulic or electric) brakes are necessary. 6) Control of the winch becomes easy because it is changed into a remote-

Card 2/3

MARKET STATE OF THE STATE OF TH

A Flywheel Electrodrive for Drilling Winches

sov/90-58-11-1/6

control system. 7) Winch operations become easier and their cost lower. 8) Assembly of a drill rig also becomes easier. 9) The number of the network power pulses during the hoist-and-lower operations of the tool is several times the hoist-and-lower operations of the tool is several times lower than if an asynchronous motor is used. 10) The life-lower than if an

1. Wells-Drilling 2. Drilling machines-Equipment 3. Hoists-Equipment 4. Flywheels-Applications

Card 3/3

ATAMALYAN, E.G.; KORNEV, M.I.

Determination of dynamic pressures on the jaws of a tackle block in drilling. Neft. khoz. 39 no.5:25-28 My '61. (MIRA 14:9) (Oil well drilling rigs—Equipment and supplies)

KORNEY, N., inzh.

3

Adapting vertical designs of apartment houses to local surface features. Zhil. stroi. no.2:21 F *61. (MIRA 14:1) (Apartment houses) (Foundations)

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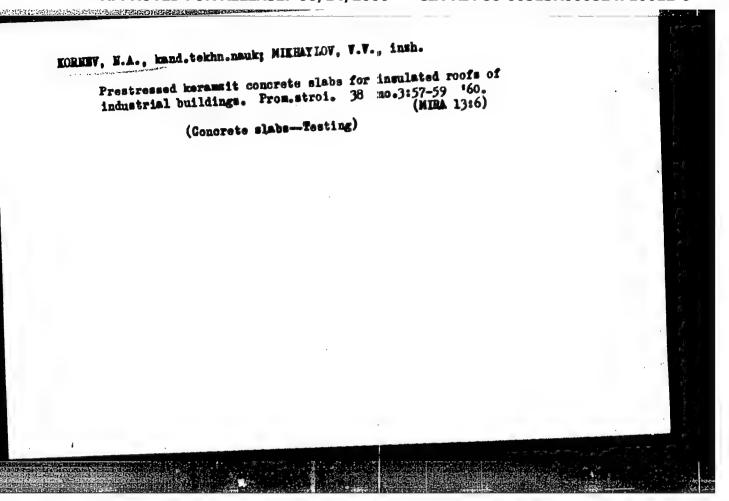
EKORNEY. N.A., kand.tekhn.nauk,red.; ROLOTINA, A.V.,red.; KASIMOV,

D.Ta., tekhn. red.

[Large-panel elements of lightweight concrete for buildings] Krupnopanel'nye konstruktsii zdanii iz legkikh betonov. Pod red. N.A.Korneva. Moskva, Strolizdat, 1964.

144 p. (MIRA 17:3)

1. Moscow. Nauchno-issledovatel'skiy institut betona i zhelezobetona.



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KORNEV N.A.

FRENKEL', I.M., kand. tekhn. nauk; MIRONOV, S.A., doktor tekhn. nauk, prof.; BARANOV, A.T., kand. tekhn. nauk; BUZHEVICH, G.A., kand. tekhn. nauk; MIKHAYLOV, K.V., kand. tekhn. nauk; MULIN, N.M., kand. tekhn. nauk; KHAYDUKOV, G.K., kand. tekhn. nauk; KORNEV, N.A., kand. tekhn.nauk; TESLER, P.A., kand. tekhn. nauk; EERDICHEVSKIY, G.I., kand. tekhn. nauk; VASILTYEV, A.P., kand. tekhn. nauk; IYUDKOVSKIY, I.G., kand. tekhn. nauk; SVETOV, A.A., kand. tekhn. nauk; CHINENKOV, Yu.V., kand. tekhn. nauk; BELOBROVYY, .K., inzh.; KLEVTSÓV, V.A., inzh.; DOBROMISLOV, N.S., arkh.; DESOV, A.Ye., doktor tekhn. nauk, prof.; LITVER, S.L., kand. tekhn. nauk; PISHCHIK, M.A., inzh.; SKIYAR, B L., inzh.; POPOV, A.P., kand. tekhn. nauk; NEKRASOV, K.D., doktor tekhn. nauk, prof.; MILOVANOV, A.F., kand. tekhn. nauk; TAL', K.E., kand. tekhn. nauk; KALATUROV, B.A., kand. tekhn. nauk; KARTASHOV, K.N., red.; MAKARICHEV, V.V., kand. tekhn. nauk, red.; YAKUSHEV, A.A., inzh., nauchnyy red.; BEGA, B.A., red. izd-va; NAUMOVA, G.D., tekhn. red.

[Reinforced concrete products; present state and prospects for development] Zhelezobetonnye konstruktsii; sostoianie i perspektivy razvitiia. Pod obshchei red. K.N. Kartashova i V.V. Makaricheva. Moskva, Gosstroiizdat, 1962. 279 p.

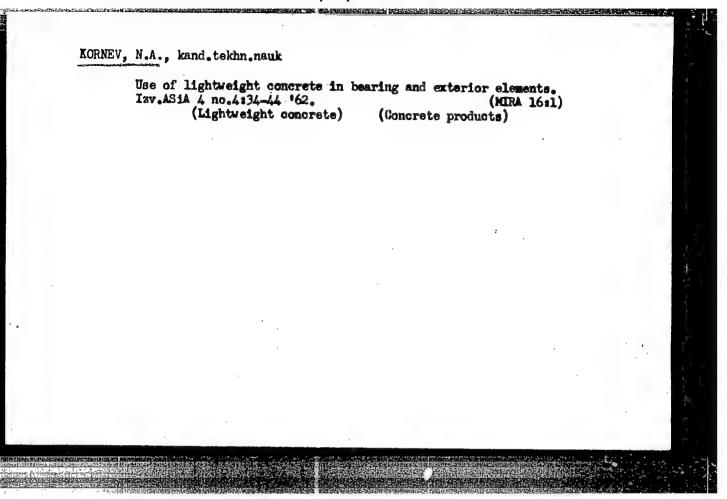
(MIRA 15:8)

(Continued on next card)

FRENKEL', I.M. -- (continued) Card 2.

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. 2. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Kartashov). 3. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Mironov). 4. Gosudarstvennyy institut tipovogo proyektirovaniya i tekhnicheskikh isəledovaniy (for Berdichevskiy, Vasil'yev, Lyudkovskiy, Svetov, Chinenkov, Belobrovyy, Klevtsov, Dobromyslov). 4. Vsesoyuznyy gosudarstvennyy proyektno-konstruktorskiy institut (for Desov, Litver, Pishchik).

(Precast concrete)



BUZHEVICH, G.A., kand. tekhn. nauk; KORNEV, N.A., kand. tekhn. nauk; SOKOL'SKIY, I.I., red.izd-va; KOMAROVSKAYA, L.A., tekhn. red.

[Keramzit-reinforced concrete] Keramzito-zhelezobeton. Moskva, Gosstroiizdat, 1963. 235 p. (MIRA 16:7)

(Reinforced concrete)

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KORNEY, N.A., kand. tekhn. nauk; KUDRYAVTSEV, A.A., kand. tekhn. nauk; LITVIN,

T.S.y inzh.; DEVYATISIL'NYY, G.I., inzh.

Keramzit concrete wall panels 12 m. long. Prom. stroi. 41 no.8:33-37
Ag '64.

(MIRA 17:11)

(MIRA 19:2)

KORNEY, N.A.; MESHKAUSKAS, Yu. I. [Meskauskas, J.]

Laminated reinforced keramzit concrete elements in bending and their bearing capacity. Trudy AN Lit. SSR. Ser. B. no. 4:125-138

1. Institut stroitel'stva i arkhitektury AN Litovskoy SSR. Submitted April 14, 1965.

KORNEY, N.M., tekhnik.

Device for the smooth starting of roving machines. Tekst. prom. 16 no.8:52-53 Ag 156. (MLRA 9:10)

(Textile machinery) (Electric driving)

GURSKIY, P.A., prof.; KORMEY, M.N., insh.

Methods for diagramming the speed rates on sections with long down gradients. Vest. ISMII MPS 19 no.5; 38-42 '60. (MIRA 13:8)

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KORNEY, N.N., inzh.; YEREMEYEV, A.S., inzh.

Results of the traction and thermomechanical testing of the TGM3^A diesel locomotive. Vest. TSNII MPS 22 no.2:16-19 *163. (MIRA 16:4) (Diesel locomotives—Testing)

KORNEV, N.V., inzh.

Results of tests of the hydraulic four-chamber sand classifier developed by the "Trud" Plant. Sbor.trud.VNIINerud no.1:137-142 (MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut nerudnykh stroitel'nykh materialov i gidromekhanizatsii.
(Separators (Machines)) (Sand)

KORNEY, N.V., inzh.; KHHUSTALEY, M.I., kand.tekhn.nauk

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(Sand and gravel plants—Equipment and supplies)

KORNEY, P.
Agriculture
Collective farm orchard. (Meskva), Sel'khozgiz, 1951.

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1952 NASS/Unclassified.

KORNEV, P.

Practice of precast construction. Sel*.stroi. 11 [i.e.12] no.1:13-14 Ja 157. (MIRA 10:3)

KORNEY

AID P - 738

Sub.fect

: USSR/Aeronautics

Card 1/1

Pub. 135 - 5/21

Authors

: Yevstratov, D., Lt. Col. and Kornev, P., Major

Title

: To improve the Ground-to-Air Control Service (GACS) .

Periodical

: Vest. vozd. flota, 10, 29-33, 0 1954

Abstract

The author describes the GACS which in any weather and at any time observes the flight of aircraft, determines its course, speed, altitude, secures a high exactitude in navigation, guides the fighter to his air targets and brings the aircraft down for landing. The author gives the general outline of the organization of the GACS, and describes its action in several examples. Some names of

officers are mentioned.

Institution:

None

Submitted

No date

Pozzolanite is a new type of binding material. Sel. stroi. no.5:15 My *62. (MIRA 15:7) 1. Glavnyy inzhener tresta Saratovtselinstroy. (Pozzuolanas) (Binding materials)	
	A - 1 Meggger
	2

KORNEV, P.; LIPKIN, P.

Precast elements in rural construction. Sel'. stroi. [i.e.16]
no.3:21-22 Mr '62. (MIRA 15:7)

1. Glavuyy inzh. tresta Saratovteelinstroy (for Kornev).
2. Korrespondent zhurnala "Sel'skoye stroitel'stvo" (for Lipkin).

(Saratov Province—Farm buildings)
(Saratov Province—Precast concrete construction)

*Transplantation and Bone Gwowth (Experimental Research), Vest. khir. i pogranich. oblastey, 12, No.34, 1927

KORNEY, P.G.

GIRGOLAV, S.S., professor (Leningrad); LEVIT, V.S., professor (Moskva);

BABCHIH, I.S., professor (Leningrad); BAKULEV, A.N., professor

(Moskva); BEKERMAN, L.S., dotsent (Leningrad); VAYNSHTEYN, V.G.,

professor (Leningrad); GERTSBERG, V.G., professor (Kazen');

GINZHERG, M.M., professor (Moskva) [deceased]; GOTLIB, Ya.G,

professor (Moskva); DZHANKLIDZE, Yu.Yu., professor (Leningrad);

DRACHINSKAYA, Ye.S., dotsent (Leningrad); YMLANSKIY, N.N., professor

(Leningrad); KOLMAN, G., professor (Leningrad); LIMBERG,

B.E., professor (Moskva); IMMERG, A.A., professor (Leningrad);

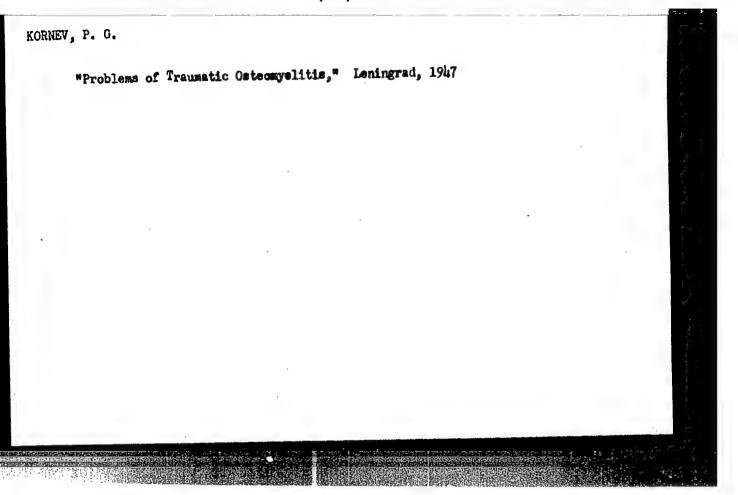
NAZAROV, V.M., professor (Leningrad); OZEROV, A.D., professor (Leningrad) [deceased];

PETROV, N.N., professor (Leningrad); POLENOV, A.L., professor (Leningrad); SAMARIN, H.P., professor (Leningrad); SHVARTS, N.V., professor

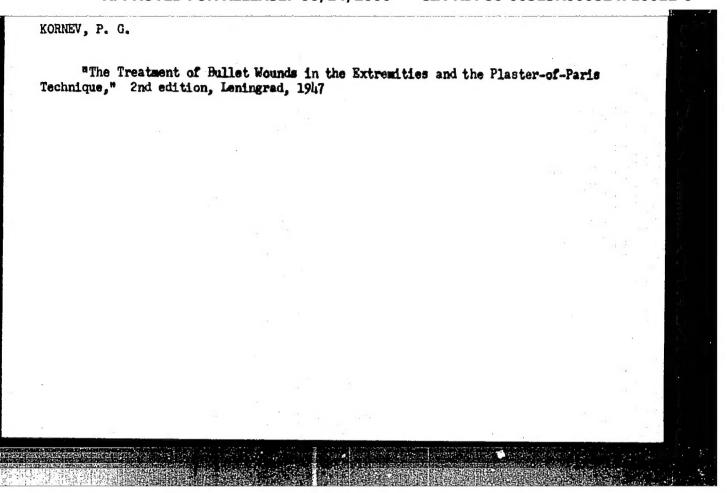
(Leningrad) [deceased]; SHAMOV, V.N., professor (Leningrad);

SHABANOV, A., redaktor

[Manual of specialized surgery] Uchebnik chastnoi khirurgii. Sost. I.S. Babchin i dr. Izd. 2-oe, ispr. i dop. Moskva, Narkomzdrav SSSR. Gos. izd-vo med. lit-ry "Medgiz," Vol.1. 1946. 363 p. (MIRA 10:2) (SURGERY)



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